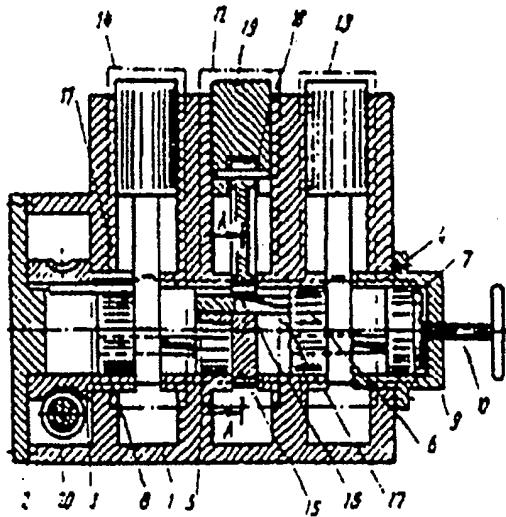


★ HYDR = Q56 Q62                    94-063790/08                    ★ SU 1789750-A1  
Adjustable drive for plunger pump - drive shaft is three-support  
crankshaft with three rocker necks displaced to 180 deg. in relation  
to each other

HYDRAULIC EQUIP CONS TECHN INST 90.10.01 90SU-4870076  
(93.01.23) F04B 49/00, F16C 3/28  
The driveshaft is composed of a three-support crankshaft (4) with  
three rocker necks angularly displaced from each other to 120 deg.  
The support necks of the shaft made in the form of discs (8) so as to  
form cranks (5-7) conjugate with the appropriate eccentric bushes  
(15) of the rockers of the drive of the plungers. One end neck is  
equipped with a key (11) and positioned in the axial boring of the  
worm wheel (3) and the other end neck is linked to the regulation  
mechanism (10).

The body (1) has an additional boring coaxial to the boring of the  
worm wheel (3) to take the two middle necks. The pitch and length of  
the threaded joint (16,17) between the crank and eccentric bush (15)  
should allow the bush (15) to rotate to an angle of 0-180 degrees.

USE/ADVANTAGE - As an adjustable drive for a plunger pump,  
for simpler structure and with reduced metal consumption. (4pp  
Dwg. No. 1/2)  
N94-049890



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